

Converting Colors

Hex(6BAE0F)

Have a look what the booklet for
Hex(6BAE0F) contains.

Hex(6BAE0F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6BAE0F)

Conversions

Conversions Part 1

Format	Color
Hex	6BAE0F
RGB	107, 174, 15
RGB Percent	42%, 68%, 6%
CMY	0.5804, 0.3176, 0.9412
CMYK	0.39, 0.00, 0.91, 0.32
HSL	85°, 84%, 37%
HSV	85°, 91%, 68%
XYZ	21.2857, 33.4324, 5.7832
YIQ	135.8410, 11.1070, -63.6530

Conversions

Conversions Part 2

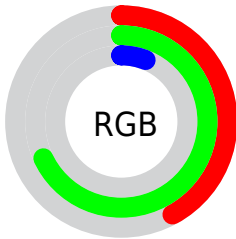
Format	Color
RYB	15, 174, 82
Decimal	7056911
CIELab	64.51, -43.39, 63.63
CIELCh	65, 77.015, 124.289
Yxy	33.4324, 0.3518, 0.5526
Android (android.graphics.Color)	4285246991 (0xFF6BAE0F)
YUV	135.8410, -59.5746, -25.2936
Hunter-Lab	57.8208, -35.4747, 34.5444

Details

The Hex color **6BAE0F** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **520FAE**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **A4E651**, and **317900** is the 20% darker color. If you saturate the color by 10%, you get **65AE00**, and if you desaturate by 10%, it is **72AE20**.

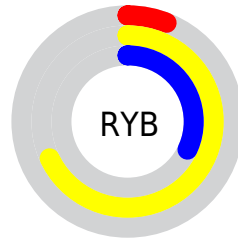
Distribution



Red (42%)

Green (68%)

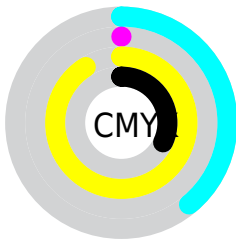
Blue (6%)



Red (6%)

Yellow (68%)

Blue (32%)

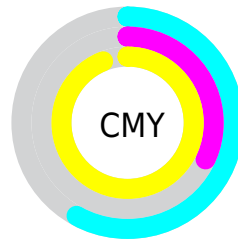


Cyan (39%)

Magenta (0%)

Yellow (91%)

Black (32%)



Cyan (58%)

Magenta (32%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BAE0F changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 6BAE0F by changing the saturation by 10% instead.

 6BAE0F

 6BAE0F

FFFFFF

 4F9300

 A4E651

 317900

 C1FF6D

 0C6000

 DEFF88

 004700

 FCFFA4

 003000

 FFFFC1

 001800

 FFFFDE

 000000

 FFFFFB

 6BAE0F

 6BAE0F

■ 65AE00

■ 72AE20

■ 7AAE32

■ 81AE43

■ 88AE55

■ 90AE66

■ 97AE77

■ 9EAE89

■ A6AE9A

■ ADAEAC

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B39D00



6BAE0F



00B75D

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



6BAE0F



00B3FF



FF5096

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



6BAE0F



520FAE

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F663D9



6BAE0F



00A2FF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



6BAE0F



00BAE9



A885FF



FF6253

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



6BAE0F



00BB8D



A885FF



FF52AD

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



6BAE0F



C9E3A6



AE510F



63734E



F2F2F2



737373

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



6BAE0F



83E300



1CAE0F



53574E



579600



0D1700

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



520FAE



6000E3



A10FAE



524E57



3F0096



0A0017

Previews

White Background



This preview shows how the Hex color 6BAE0F looks on a white background.

Color Contrast Check

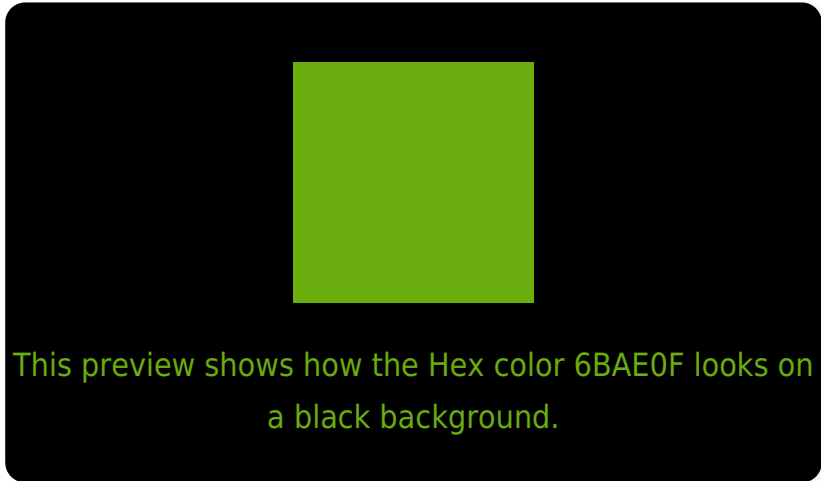
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 6BAE0F Background



This preview shows how black text looks on a background with the Hex color 6BAE0F.

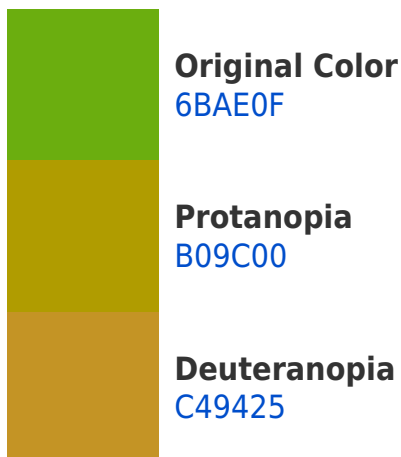


This preview shows how white text looks on a background with the Hex color 6BAE0F.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

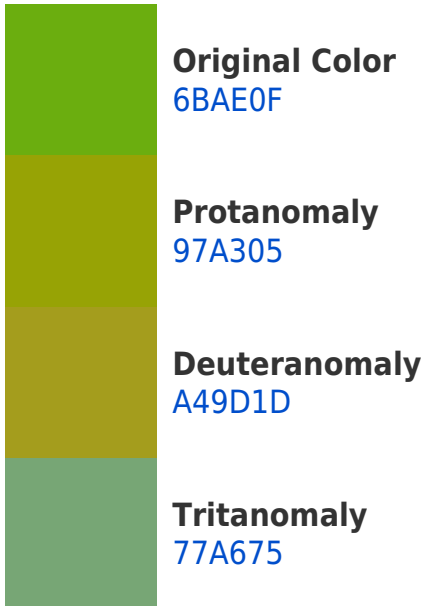
Dichromacy





Tritanopia
7EA2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6BAE0F is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #6BAE0F looks like.

```
.text, #text, p{  
    color:#6BAE0F  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #6BAE0F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BAE0F
}
```

Border

The CSS property to change the border of an element to Hex 6BAE0F is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6BAE0F }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#6BAE0F }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #6BAE0F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BAE0F; -webkit-box-shadow:4px 4px  
4px 4px #6BAE0F; box-shadow:4px 4px 4px  
4px #6BAE0F }
```

Background

The CSS property to change the background color of an element to Hex 6BAE0F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BAE0F }
```

If only the background color should be changed can be used:

```
.background{ background-color:#6BAE0F }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor